INDEX TO VOLUME 40-A

(American Volume)

1958

AUTHORS

A

PAGE

Ackerman, Lauren V. Extra-Osseous Localized Non-Neoplastic Bone and Cartilage Formation (So-Called Myositis Ossificans). Clinical and Pathological Confusion with Malignant Neoplasms. 279

Akeson, Wayne H.; Eichelberger, Lillian; and **Roma, Michael.** Biochemical Studies of Articular Cartilage. II. Value following the Denervation of an Extremity. 153

Akeson, Wayne H. *See* **Eichelberger, Lillian.**

Albrecht, Joseph M. *See* **Milch, Robert A.**

Aleu, Fernando. *See* **Ponseti, Ignacio V.**

Allen, Richard. *See* **Mitchell, C. Leslie.**

Anderson, R. J. D. *See* **Kirkaldy-Willis, W. H.**

B

Badgley, Carl E. *See* **DeVries, Paul H.**

Banks, Henry H., and **Green, William T.** The Correction of Equinus Deformity in Cerebral Palsy 1359

Bardenstein. Maxwell B. *See* **Bonfiglio, Michael.**

Barnes, Walter P., Jr. The Use of Blade-Guides In Intervertebral-Body Bone-Grafting. 461

Basom, W. Compere. *See* **Hart, Maynard S.**

Bauer, Göran C. H., and **Ray, Robert D.** Kinetics of Strontium Metabolism in Man. 171

Bechtol, Charles O. *See* **Chrisman, O. Donald.**

Bell, John L.; Mason, Michael L.; Koch, Sumner L.; and **Stromberg, William B., Jr.** Injuries to Flexor Tendons of the Hand in Children. 1220

Bidwell, Richard G. *See* **Blount, Walter P.**

Blair, Sidney J. *See* **Sofield, Harold A.**

Bland, W. Griffin. *See* **Stewart, Marcus J.**

Blount, Walter P.; Schmidt, Albert C.; Keever, E. Dudley; and **Leonard, Eugene T.** The Milwaukee Brace in the Operative Treatment of Scoliosis. 511

Blount, Walter P.; Schmidt, Albert C.; and **Bidwell, Richard G.** Making the Milwaukee Brace. 526

Bonfiglio, Michael. Repair of Bone-Transplant Fractures. 446

Bonfiglio, Michael, and **Bardenstein, Maxwell B.** Treatment by Bone-Grafting of Aseptic Necrosis of the Femoral Head and Non-union of the Femoral Neck (Phemister Technique). 1329

Bost, Frederic C. *See* **Schottstaedt, Edwin R.**

Bost, Frederic C. Quo Vadis Orthopaedia Americana [Presidential Address. The American Academy of Orthopaedic Surgeons]. 707

Bosworth, David M. *See* **Cleveland, Mather.**

Boyd, Harold B., and **Sage, Fred P.** Congenital Pseudarthrosis of the Tibia. 1245

Boyes, Joseph H. Sterling Bunnell. In Appreciation. 214

Brannon, Earl W., and **Tracey, John F.** Management of Brachial-Plexus Injuries (Traction Type). 1031

Breck, Louis W. *See* **Emmett, John E.**

Brennan, Robert. *See* **Chrisman, O. Donald.**

Brown, Joseph E.; McGaw, W. H.; and **Shaw, Darrell T.** Use of Cutis as an Interposing Membrane in Arthroplasty of the Knee. 1003

Burman, Michael. Anteroposterior Projection of the Carpometacarpal Joint of the Thumb by Radial Shift of the Carpal Tunnel View. 1156

C

Cabrini, Rómulo L. *See* **Schajowicz, Fritz.**

Caffey, John; Madell, Samuel H.; Royer, Charles; and **Morales, Pablo.** Ossification of the Distal Femoral Epiphysis. 647

PAGE

Cameron, D. A. *See* **Robinson, Robert A.**
Cameron, D. A., and **Robinson, Robert A.** Electron Microscopy of Epiphyseal and Articular Cartilage Matrix in the Femur of the Newborn Infant. 163
Cameron, D. A., and **Robinson, Robert A.** The Presence of Crystals in the Cytoplasm of Large Cells Adjacent to Sites of Bone Absorption. 414
Cannon, Bradford. Open Grafting of Raw Surfaces of the Hand. 79
Chaudhri, M. R. *See* **Kirkaldy-Willis, W. H.**
Chrisman, O. Donald; Bechtol, Charles O.; Coelho, Rose R.; and **Brennan, Robert.** Sulphur Metabolism in Cartilage. I. Joint-Fluid Sulphate. 457
Cleveland, Mather; Bosworth, David M.; Fielding, J. William, and **Smyrnis, Panayiotis.** Fusion of the Spine for Tuberculosis in Children. A Long Range Follow-up Study. 91
Cobb, John R. Scoliosis—Quo Vadis? [Editorial]. 507
Coelho, Rose R. *See* **Chrisman, O. Donald.**
Cohen, Jonathan. The Boston Orthopedic Institution. 1176
Cohen, Jonathan, and **Harris, William H.** The Three-Dimensional Anatomy of Haversian Systems. 419
Coleman, Carl R. *See* **Smith, William S.**
Cooperman, Bernard. Recurrent, Calcified Leiomyoma of the Pelvis and Gluteal Regions Complicated by Pregnancy. A Case Report. 1149
Craig, Alfred John. *See* **Ganado, Walter.**
Creeden, Francis. *See* **Haggart, G. Edmund.**

D

Dahlin, David C. *See* **Kelly, Patrick J.**
de Abreu, Lauro Barros, and **Godoy Moreira, Roberto.** Median-Nerve Compression at the Wrist. A Case Report. 1425
Dennis, Joel B., and **Rutledge, Ben A.** Bilateral Recurrent Dislocations of the Superior Tibiofibular Joint with Peroneal-Nerve Palsy. A Case Summary. 1146
DePalma, Anthony F., and **Flynn, Joseph J.** Joint Changes Following Experimental Partial and Total Patellectomy. 395
DeSanto, Dominic A. *See* **Kimball, Robert M.**
DeVries, Paul H.; Badgley, Carl E.; and **Hartman, J. Ted.** Radiation Sterilization of Homogenous-Bone Transplants Utilizing Radioactive Cobalt. Preliminary Report. 187
deWolfe, V. G. *See* **Humphries, A. W.**
Diamond, Jack R. *See* **Giannestras, Nicholas J.**
Dobson, Chauncey H. *See* **Shorbe, Howard B.**
Dunlap, James P.; Morris, Martin; and **Thompson, Robert G.** Cervical Spine Injuries in Children. 681

E

Eaton, George O. The Changing Picture of Orthopaedic Practice. [Presidential Address. The American Orthopaedic Association]. 935
Eichelberger, Lillian; Akeson, Wayne H.; and **Roma, Michael.** Biomechanical Studies of Articular Cartilage. I. Normal Values. 142
Eichelberger, Lillian. *See* **Akeson, Wayne H.**
Elkins, Earl C. *See* **Lipscomb, Paul R.**
Emmel, Harry E., and **LeCocq, John F.** Hamstring Transplant for the Prevention of Calcaneocavus Foot in Poliomyelitis. 911
Emmett, John E. A Review and Analysis of 11,000 Fractures Seen in a Private Practice of Orthopaedic Surgery, 1937–1956. 1169
Engfeldt, Bengt. Recent Observations on Bone Structure. 698

F

Falk, Abraham. A Follow-up Study of the Initial Group of Cases of Skeletal Tuberculosis Treated with Streptomycin, 1946–1948. The United States Veterans Administration and Armed Forces Cooperative Studies of Tuberculosis. 1161
Fielding, J. William. *See* **Cleveland, Mather.**
Flatt, Adrian E. Recurrent Locking of an Index Finger. 1128
Fleming, Joseph L. *See* **Mitchell, C. Leslie.**
Flynn, Joseph J. *See* **DePalma, Anthony F.**
Ford, Lee T. *See* **Key, J. Albert.**

G

Ganado, Walter, and **Craig, Alfred John.** Brucellosis Neuropathy. 1380
Giannestras, Nicholas J. Shortening of the Metatarsal Shaft in the Treatment of Plantar Keratosis. An End-Result Study. 61

PAGE

Giannestras, Nicholas J., and **Diamond, Jack R.** Benign Osteoblastoma of the Talus. A Review of the Literature and Report of a Case. 469
Gilmer, W. Scott, and **MacEwen, G. Dean.** Central (Medullary) Fibrosarcoma of Bone. 121
Glenney, Christopher. *See* **Mitchell, C. Leslie.**
Godoy Moreira, Roberto. *See* **de Abreu, Lauro Barros.**
Gordon, Lawrence H. Paget's Disease of the Patella. 1423
Graham, Walter C. Sterling Bunnell. In Appreciation. 218
Green, William T. *See* **Trott, Arthur W.**
Green, William T. *See* **Banks, Henry H.**
Gruca, Adam. The Pathogenesis and Treatment of Idiopathic Scoliosis. A Preliminary Report. 570

H

Haas, S. L. A Brace for Correction of Torsion of the Lower Extremity. 203
Haggart, G. Edmund; Johnston, David O.; and **Creeden, Francis.** Supervoltage Radiation for Sarcomata of the Pelvis and Lower Extremities. A Preliminary Report. 870
Haliburton, Robert A.; Sullivan, C. Roger; Kelly, Patrick J.; and **Peterson, Lowell F. A.** The Extra-osseous and Intra-osseous Blood Supply of the Talus. 1115
Hall, Thomas D. The Step-Down Drill Bit in Screw Fixation of Fractures. 486
Hall, Thomas D. Osteochondritis of the Greater Trochanteric Epiphysis. 644
Harris, William H. *See* **Cohen, Jonathan.**
Hart, Maynard S., and **Basom, W. Compere.** Neurilemoma Involving Bone. 465
Hartman, J. Ted. *See* **DeVries, Paul H.**
Hass, Robert. *See* **Hass, Julius.**
Hass, Julius, and **Hass, Robert.** Arthrochalasis Multiplex Congenita. Congenital Flaccidity of the Joints. 663
Heiple, Kingsbury G. *See* **Van't Hof, Albert.**
Henderson, Edward D. *See* **Lipscomb, Paul R.**
Herndon, Charles H. *See* **Heyman, Clarence H.**
Heyman, Clarence H.; Herndon, Charles H.; and **Strong, Joseph M.** Mobilization of the Tarsometatarsal and Intermetatarsal Joints for the Correction of Resistant Adduction of the Fore Part of the Foot in Congenital Club-Foot or Congenital Metatarsus Varus. 299
Hodgson, A. R. *See* **Lam Sim-Fook.**
Hughes, Carl W. Vascular Injuries in the Orthopaedic Patient. 1271
Hulth, Anders. Femoral-Head Phlebography. A Method of Predicting Viability. 844
Humphries, A. W.; deWolfe, V. G.; and **LeFevre, F. A.** Reversibility of Pregangrene in the Severely Ischaemic Limb. 983

I

Ireton, Richard J. *See* **Smith, William S.**

J

Jacobs, Julian E. Observations of Neuropathic (Charcot) Joints Occurring in Diabetes Mellitus. 1043
Jacobson, George. *See* **Mikity, Victor G.**
Jacobson, Sheldon A. Early Jutacortical Osteosarcoma (Parosteal Osteoma). 1310
Janes, Joseph M. *See* **Kelly, Patrick J.**
Johnston, David O. *See* **Haggart, G. Edmund.**

K

Kaplan, Emanuel B. The Iliotibial Tract. Clinical and Morphological Significance. 817
Keever, E. Dudley. *See* **Blount, Walter P.**
Kelly, Patrick J. *See* **Haliburton, Robert A.**
Kelly, Patrick J.; Dahlin, David C.; and **Janes, Joseph M.** Clinicopathological Study of Ninety-Four Limbs Amputated for Occlusive Vascular Disease. 72
Kelly, Patrick J., and **Lipscomb, Paul R.** Primary Vitallium-Mold Arthroplasty for Posterior Dislocation of the Hip with Fracture of the Femoral Head. 675
Kerin, Robert. Metastatic Tumors of the Hand. 263
Key, J. Albert, and **Ford, Lee T.** A Study of Experimental Trauma to the Distal Femoral Epiphysis in Rabbits—II. 887
Kilbourne, Burton C., and **Paul, Eudell G.** The Use of Small Bone Screws in the Treatment of Metacarpal, Metatarsal, and Phalangeal Fractures. 375
Kimball, Robert M., and **DeSanto, Dominic A.** Malignant Giant-Cell Tumor of the Ulna. Report of a Case of Eighteen Years' Duration. 1131
Kirk, Norman T. Sterling Bunnell. 488

PAGE

Kirkaldy-Willis, W. H.; Chaudhri, M. R.; and **Anderson, R. J. D.** Arthrodesis of the Hip with Staple Fixation. 114
Knight, Robert A., and **Smith, Hugh.** Central Fractures of the Acetabulum. 1
Koch, Sumner L. *See* **Bell, John L.**
Kuhns, J. G. *See* **Potter, T. A.**
Küntscher, Gerhard B. G. The Küntscher Method of Intramedullary Fixation. 17
Kurtz, James F. *See* **Larmon, William A.**

L

LaFond, Edward M. An Analysis of Adult Skeletal Tuberculosis. 346
Laing, Patrick G. The Significance of Metallic Transfer in the Corrosion of Orthopaedic Screws. 853
Laing, Patrick G. Anterior-Angled Plates for High Femoral Osteotomies. 1158
Lam Sim-Fook, and **Hodgson, A. R.** A Comparison of Foot Forms Among the Non-Shoe and Shoe-Wearing Chinese Population. 1058
Lansche, W. Edward. *See* **Reynolds, Fred C.**
Lansche, W. Edward, and **Spjut, Harlan J.** Chondrosarcoma of the Small Bones of the Hand. 1139
Larmon, William A., and **Kurtz, James F.** The Surgical Management of Chronic Tophaceous Gout. 743
Larsen, Loren J. *See* **Schottstaedt, Edwin R.**
Larsen, Robert D., and **Posch, Joseph L.** Dupuytren's Contracture. With Special Reference to Pathology. 773
Leão, Luiz. de Quervain's Disease. A Clinical and Anatomical Study. 1063
LeCocq, John F. *See* **Emmel, Harry E.**
LeFevre, F. A. *See* **Humphries, A. W.**
Leggiadro, Vincent E. A Flexible Meniscotomy Knife. 931
Leonard, Eugene T. *See* **Blount, Walter P.**
Lewis, G. Kenneth. Electrical Burns of the Upper Extremities. 27
Lipscomb, Paul R. *See* **Kelly, Patrick J.**
Lipscomb, Paul R.; Elkins, Earl C.; and **Henderson, Edward D.** Tendon Transfers to Restore Function of Hands in Tetraplegia, Especially After Fracture-Dislocation of the Sixth Cervical Vertebra on the Seventh. 1071
Lithgow, William C. *See* **Mead, Newton C.**
Litton, Lynn O., and **Workman, Charles.** Traumatic Anterior Dislocation of the Hip in Children. 1419
Lorthioir, Jean, Jr. Surgical Treatment of the Trigger-Finger by a Subcutaneous Method. 793
Lusskin, Harold; Lusskin, Lillian S.; and **Lusskin, Ralph.** Hand Drill or Wire Inserter. 485
Lusskin, Lillian S. *See* **Lusskin, Harold.**
Lusskin, Ralph. *See* **Lusskin, Harold.**

M

MacDonell, James A. Age of Fitting Upper-Extremity Prostheses in Children. A Clinical Study. 655
MacEwen, G. Dean. *See* **Gilmer, W. Scott.**
McAllister, Ferdinand F. *See* **Cooperman, Bernard.**
McGaw, W. H. *See* **Brown, Joseph E.**
Madell, Samuel H. *See* **Caffey, John.**
Marshall, Donald V. Three-Side Plate Fixation for Fractures of the Femoral and Tibial Shafts. 323
Mason, Michael L. *See* **Bell, John L.**
Mason, Michael L. Sterling Bunnell. In Appreciation. 211
Mayer, Leo. William A. Rogers and The Journal. 1215
Mayne, J. A. A Modified Forearm Rotation Splint. 483
Mazet, Robert, Jr. Cineplasty. Historical Review, Present Status, and Critical Evaluation of Sixty-Four Patients. 1389
Mead, Newton C.; Lithgow, William C.; and **Sweeney, Howard J.** Arthrogryposis Multiplex Congenita. 1285
Mikity, Victor G., and **Jacobson, George.** Progressive Diaphyseal Dysplasia (Engelmann's Disease). Report of a Case with Twenty-two Year Follow-up. 206
Milch, Robert A.; Rall, David P.; and **Tobie, John E.;** with the assistance of **Joseph M. Albrecht** and **Glenn Trivers.** Fluorescence of Tetracycline Antibiotics in Bone. 897
Millar, Edward A. *See* **Sofield, Harold A.**
Minear, William L. *See* **Tachdjian, Mihran O.**
Mitchell, C. Leslie; Fleming, Joseph L.; Allen, Richard; Glenney, Christopher; and **Sanford, Glenn A.** Osteotomy-Bunionectomy for Hallux Valgus. 41
Moe, John H. A Critical Analysis of Methods of Fusion for Scoliosis. An Evaluation in Two Hundred and Sixty-Six Patients. 529

PAGE

Morales, Pablo. *See* **Caffey, John.**
Morgan, Harry C. *See* **Stein, Arthur H., Jr.**
Morris, Martin. *See* **Dunlap, James P.**
Mossman, David L. *See* **Omer, George E., Jr.**
Murphy, Allen F., and **Wilson, James N.** Tenosynovial Osteochondroma in the Hand. 1236

N

Nesline, Mary D. *See* **Trott, Arthur W.**
Newton, Thomas H. Cervical Intervertebral-Disc Calcification in Children. 107
Noer, H. Rolf, and **Pratt, Donald R.** A Goniometer Designed for the Hand. 1154
Norquist, Donald M. *See* **Risser, Joseph C.**

O

Omer, George E., Jr., and **Mossman, David L.** Bone Agenesis. A Case Involving the Carpus and Tarsus. 917

P

Paul, Eudell G. *See* **Kilbourne, Burton C.**
Peterson, Lowell F. A. *See* **Haliburton, Robert A.**
Peterson, Rex A. *See* **Webster, George V.**
Ponseti, Ignacio V., and **Aleu, Fernando.** Fracture Healing in Rats Treated with Aminoacetonitrile. 1093
Porras, Roberto F. *See* **Stein, Arthur H., Jr.**
Posch, Joseph L. *See* **Larsen, Robert D.**
Potter, T. A., and **Kuhns, J. G.** Rheumatoid Tenosynovitis. Diagnosis and Treatment. 1230
Pratt, Donald R. *See* **Noer, H. Rolf.**

R

Rall, David P. *See* **Milch, Robert A.**
Ray, Robert D. *See* **Bauer, Göran C. H.**
Reynolds, Fred C. Preliminary Report of the Committee on Fractures and Traumatic Surgery on the Use of a Prosthesis in the Treatment of Fresh Fractures of the Neck of the Femur. [The American Academy of Orthopaedic Surgeons] 877
Reynolds, Fred C., and **Lansche, W. Edward.** Hemangiopericytoma of the Lower Extremity. A Case Report. 921
Rhinelander, F. W. Instruments for Use with Flexible Steel Wire in Bone Surgery. 365
Risser, Joseph C., and **Norquist, Donald M.** A Follow-up Study of the Treatment of Scoliosis. 555
Ritchey, Sterling J.; Schonholtz, George J.; and **Thompson, Milton S.** The Dashboard Femoral Fracture. Pathomechanics, Treatment, and Prevention. 1347
Robertson, D. C. The Management of the Burned Hand. 625
Robinson, Robert A. *See* **Cameron, D. A.**
Robinson, Robert A. *See* **Smith, George W.**
Robinson, Robert A., and **Cameron, D. A.** Electron Microscopy of the Primary Spongiosa of the Metaphysis at the Distal End of the Femur in the Newborn Infant. 687
Roma, Michael. *See* **Eichelberger, Lillian.**
Roma, Michael. *See* **Akeson, Wayne H.**
Rosen, Irwin E. Unusual Intrameniscal Lunulae. Three Case Reports. 925
Royer, Charles. *See* **Caffey, John.**
Rutledge, Ben A. *See* **Dennis, Joel B.**

S

Sage, Fred P. *See* **Boyd, Harold B.**
Sanford, Glenn A. *See* **Mitchell, C. Leslie.**
Schajowicz, Fritz, and **Cabrini, Rómulo L.** Histochemical Studies on Glycogen in Normal Ossification and Calcification. 1081
Schmidt, Albert C. *See* **Blount, Walter P.**
Schonholtz, George J. *See* **Ritchey, Sterling J.**
Schottstaedt, Edwin R.; Larsen, Loren J.; and **Bost, Frederic C.** The Surgical Reconstruction of the Upper Extremity Paralyzed by Poliomyelitis. 633
Shands, A. R., Jr., and **Steele, Marshall K.** Torsion of the Femur. A Follow-up Report on the Use of the Dunlap Method for its Determination. 803
Shaw, Darrell T. *See* **Brown, Joseph E.**
Shorbe, Howard B., and **Dobson, Chauncey H.** Patellectomy. Repair of the Extensor Mechanism. 1281
Smith, Alan DeForest. Scoliosis. [Editorial] 505
Smith, Frederick M. *See* **Cooperman, Bernard.**

PAGE

Smith, George W., and **Robinson, Robert A.** The Treatment of Certain Cervical-Spine Disorders by Anterior Removal of the Intervertebral Disc and Interbody Fusion.... 607
Smith, Hugh. *See* **Knight, Robert A.**
Smith, William S.; **Ireton, Richard J.**; and **Coleman, Carl R.** Sequelae of Experimental Dislocation of a Weight-Bearing Ball-and-Socket Joint in a Young Growing Animal. Gross Alterations in Bone and Cartilage.... 1121
Smyrnis, Panayiotis. *See* **Cleveland, Mather.**
Smyth, M. J., and **Wright V.** Sciatica and the Intervertebral Disc. An Experimental Study.... 1401
Sobel, Harry. Minerals, Collagen, and Hexosamine in Rat Femora.... 1111
Sofield, Harold A.; **Blair, Sidney J.**; and **Millar, Edward A.** Leg-Lengthening. A Personal Follow-up of Forty Patients Some Twenty Years After the Operation.... 311
Soto-Hall, Ralph. *See* **West, Francis E.**
Spjut, Harlan J. *See* **Lansche, W. Edward.**
Steele, Marshall K. *See* **Shands, A. R., Jr.**
Stein, Arthur H., Jr.; **Morgan, Harry C.**; and **Porras, Roberto F.** The Effect of Pressor and Depressor Drugs on Intramedullary Bone Marrow Pressure.... 1103
Stein, Harold L. *See* **Webster, George V.**
Stewart, Marcus J., and **Bland, W. Griffin.** Compression in Arthrodesis. A Comparative Study of Methods of Fusion of the Knee in Ninety-Three Cases.... 585
Stone, Meyer M. Modified Nail for Hip Fractures.... 931
Strayer, Luther M., Jr. Gastrocnemius Recession. Five-Year Report of Cases.... 1019
Stromberg, William B., Jr. *See* **Bell, John L.**
Strong, Joseph M. *See* **Heyman, Clarence H.**
Sullivan, C. Roger. *See* **Haliburton, Robert A.**
Suzuki, Howard K. Inhibition of Estradiol-Induced Endosteal-Bone Formation After Intrafemoral Implantation of Testosterone Propionate into Mice.... 435
Sweeney, Howard J. *See* **Mead, Newton C.**

T

Tachdjian, Mihran O., and **Minear, William L.** Sensory Disturbances in the Hands of Children with Cerebral Palsy.... 85
Talbott, John H. Selected Aspects of Acute and Chronic Gouty Arthritis. An Internist's Interpretation of an Orthopaedist's Experience with Gout and Gouty Arthritis.... 994
Thomas, Colin G., Jr. Clinical Manifestations of an Accessory Palmaris Muscle.... 929
Thompson, Milton S. *See* **Ritchey, Sterling J.**
Thompson, Robert G. *See* **Dunlap, James P.**
Tobie, John E. *See* **Milch, Robert A.**
Torok, G. *See* **Weissman, S. L.**
Tracey, John F. *See* **Brannon, Earl W.**
Trivers, Glenn. *See* **Milch, Robert A.**
Trott, Arthur W.; **Nesline, Mary D.**; and **Green, William T.** The Chronology of Circulatory Changes in Poliomyelitis.... 245

U

Urist, Marshall R. Osteotomy of the Spine. Report of a Case of Ankylosing Rheumatoid Spondylitis.... 833

V

Van't Hof, Albert, and **Heiple, Kingsbury G.** Flexor-Tendon Injuries of the Fingers and Thumb. A Comparative Study.... 256

W

Wagner, Carruth J. Delayed Advancement in the Repair of Lacerated Flexor Profundus Tendons.... 1241
Webster, George V.; **Peterson, Rex A.**; and **Stein, Harold L.** Dermal Overgrafting of the Leg.... 796
Weissman, S. L., and **Torok, G.** Bilateral Recurrent Posterior Dislocation of the Shoulder. Report of a Case.... 479
West, Francis E., and **Soto-Hall, Ralph.** Recurrent Dislocation of the Patella in the Adult. End Results of Patellectomy with Quadricepsplasty.... 386
Wilson, C. Laird. A Method of Fusion of the Metatarsophalangeal Joint of the Great Toe. 384
Wilson, James J. *See* **Murphy, Allen F.**
Workman, Charles. *See* **Litton, Lynn O.**
Wright, V. *See* **Smyth, M. J.**

SUBJECT INDEX

VOLUME 40-A

A

PAGE

Abrasion, Surgical ... 796
Accessory Muscle ... 929
Automobile Accident ... 1347
Accretion ... 171
Acetabular Dysplasia ... 1121
Acetabulum, Central Fractures of the. Robert A. Knight and Hugh Smith 1
Acetabulum, Reticulum-Cell Sarcoma of ... 870
Acetylcholine ... 1103
Adenocarcinoma ... 263
Adrenalin ... 1103
Age of Fitting Upper-Extremity Prostheses in Children. A Clinical Study. James A. MacDonell ... 655
Agenesis, Bone ... 917
Alloplasty ... 570
American Academy for Cerebral Palsy 1230
American Academy of Orthopaedic Surgeons, The ... 500, 715, 732, 1443
American Academy of Orthopaedic Surgeons, The. Preliminary Report of the Committee on Fractures and Traumatic Surgery on the Use of a Prosthesis in the Treatment of Fresh Fractures of the Neck of the Femur ... 877
American Academy of Orthopaedic Surgeons, The. [Presidential Address. Quo Vadis Orthopaedia Americana]. Frederic C. Bost ... 707
American Association for the Surgery of Trauma ... 494
American Board of Orthopaedic Surgery ... 500, 1443
American College of Surgeons ... 228, 494
American Medical Association, Section on Orthopaedic Surgery ... 232
American Orthopaedic Association, The ... 1212
American Orthopaedic Association, The. [Presidential Address. The Changing Picture of Orthopaedic Practice]. George O. Eaton ... 935
American Society for Surgery of the Hand ... 947, 1211, 1443
Aminoacetonitrile, Fracture Healing in Rats Treated with. Ignacio V. Ponseti and Fernando Aleu ... 1093
Amphetamine ... 1103
Amputee, Juvenile ... 655
Amputation ... 72, 121, 473, 1043, 1245, 1389
Analysis of Adult Skeletal Tuberculosis, An. Edward M. LaFond ... 346
Aneurysm ... 72
Aneurysm, Traumatic ... 1271
Ankle ... 1043, 1285
Ankylosing Rheumatoid Spondylitis 833
Ankylosis of the Knee ... 1003
Annulus Fibrosus ... 1401
Anterior-Angled Plates for High Femoral Osteotomies. Patrick G. Laing 1158

PAGE

Anteroposterior Projection of the Carpometacarpal Joint of the Thumb by Radial Shift of the Carpal Tunnel View. Michael Burman ... 1156
Anteversion ... 1121
Apparatus
Anterior-Angled Plates for High Femoral Osteotomies. Patrick G. Laing 1158
A Brace for Correction of Torsion of the Lower Extremity. S. L. Haas ... 203
A Flexible Meniscotomy Knife. Vincent E. Leggiadro ... 933
A Goniometer Designed for the Hand. H. Rolf Noer and Donald R. Pratt ... 1154
Hand Drill or Wire Inserter. Harold Lusskin, Lillian Lusskin, and Ralph Lusskin ... 485
Instruments for Use with Flexible Steel Wire in Bone Surgery. F. W. Rhinelander ... 365
Making the Milwaukee Brace. Walter P. Blount, Albert C. Schmidt, and Richard G. Bidwell ... 526
A Modified Forearm Rotation Splint. J. A. Mayne ... 483
Modified Nail for Hip Fractures. Meyer M. Stone ... 931
The Step-Down Bit in Screw Fixation of Fractures. Thomas D. Hall ... 486
Arm ... 1031, 1071
Arterial Occlusion ... 72, 1271
Arterial Replacement ... 983, 1271
Arteriography ... 983
Arteriosclerosis ... 743
Arteriovenous Fistula ... 1271
Artery of Tarsal Sinus ... 1115
Arthritis ... 457, 485
Arthritis, Gouty ... 743, 994
Arthritis, Hypertrophic ... 395
Arthritis, Rheumatoid ... 1230
Arthrochalasis Multiplex Congenita. Congenital Flaccidity of the Joints. Julius Hass and Robert Hass ... 663
Arthrodesis ... 1071
Arthrodesis, Compression ... 384
Arthrodesis of the Hip with Staple Fixation. W. H. Kirkaldy Willis, M. R. Chaudhri, and R. J. D. Anderson ... 114
Arthrodesis, Triple ... 1359
Arthrogryposis ... 585, 1285
Arthrogryposis Multiplex Congenita. Newton C. Mead, William C. Lithgow, and Howard J. Sweeney ... 1285
Arthropathy, Neurogenic ... 1043
Arthroplasty ... 473, 675, 1003, 1158, 1329
Arthroplasty, Cup ... 1329
Arthroplasty, Hip ... 1158
Arthroplasty of the Knee ... 1003
Arthroplasty, Vitallium Mold ... 675
Articular Cartilage, Biochemical Studies of ... 142, 153

PAGE

Articular Cartilage, Electron Microscopy of ... 163
Articular-Facet Fusion ... 529
Aseptic Necrosis of the Femoral Head and Non-union of the Femoral Neck, Treatment of, by Bone-Grafting (Phemister Technique). Michael Bonfiglio and Maxwell B. Bardenstein ... 1329
Atheroma ... 72
Atherosclerosis Obliterans ... 72
Atrophy, Denervation ... 121
Atropine ... 1103
Austrian Orthopaedic Society ... 504
Autogenous-Bone Transplants ... 446
Autolysis ... 187
Avascular Necrosis ... 844, 1115
Avascular Necrosis of the Body of the Talus ... 1115

B

Bacteria ... 187
Badgley, Carl E. ... 239
Bamboo Spine ... 833
Benign Osteoblastoma of the Talus. A Review of the Literature and Report of a Case. Nicholas J. Giannestras and Jack R. Diamond ... 469
Berkheiser, Elven J. ... 713
Biceps Tunnel (Cineplasty) ... 39
Bilateral Recurrent Posterior Dislocation of the Shoulder. Report of a Case. S. L. Weissman and G. Torok ... 479
Bilateral Recurrent Dislocations of the Superior Tibiofibular Joint with Peroneal-Nerve Palsy. A Case Summary. Joel B. Dennis and Ben A. Rutledge ... 1146
Biochemical Studies of Articular Cartilage. I. Normal Values. Lillian Eichelberger, Wayne H. Akeson, and Michael Roma ... 142
Biochemical Studies of Articular Cartilage. II. Values Following the Denervation of an Extremity. Wayne H. Akeson, Lillian Eichelberger, and Michael Roma ... 153
Blade-Guides ... 461
Blood Pressure ... 1103
Blood Supply of the Talus ... 1115
Blue Cross and Blue Shield ... 935
Boiled-Bone Transplants ... 446
Bone Absorption, The Presence of Crystals in the Cytoplasm of Large Cells Adjacent to Sites of. D. A. Cameron and Robert A. Robinson ... 414
Bone Agenesis. A Case Involving the Carpus and Tarsus. George E. Omer, Jr. and David L. Mossman ... 917
Bone-Bank ... 187
Bone, Chemical Composition of ... 1081
Bone, Compact ... 419
Bone Destruction from Electric Current ... 27
Bone, Fibrosarcoma of ... 121
Bone Formation ... 435

PAGE

Bone-Grafting ... 91, 187, 446, 461, 529, 1245, 1329
Bone-Grafting, Intervertebral-Body, The Use of Blade-Guides in. Walter P. Barnes ... 461
Bone Healing after Fracture Fixation with Metal Plates ... 323
Bone-Marrow Pressure ... 1103
Bone, Neurilemoma Involving. Maynard S. Hart and W. Compere Basom ... 465
Bone Resorption ... 17
Bone Salts ... 171, 698
Bone Structure, Recent Observations on. Bengt Engfeldt ... 698
Bone Surgery, Instruments for Use with Flexible Steel Wire in. F. W. Rhinelander ... 365
Bone Tissue, Newly Proliferated ... 897
Bone as a Tissue ... 1212
Bone Trabeculae ... 1081
Bone-Transplant Fractures, Repair of. Michael Bonfiglio ... 446
Bone, Tuberculosis of ... 346
Book Reviews
Adams, John Crawford. Outline of Orthopaedics ... 241
Aegerter, Ernest, and Kirkpatrick, John A., Jr. Orthopaedic Diseases. Physiology, Pathology, Radiology ... 1446
Anderson, Miles H. Functional Bracing of the Upper Extremities ... 1448
Brown, James Barrett, and McDowell, Frank. Skin Grafting. Ed. 3 ... 1446
Chauvois, Louis. William Harvey. His Life and Times: His Discoveries: His Methods ... 242
Churchill, Edward D. (Editor and Annotator). To Work in the Vineyard of Surgery—Reminiscences of J. Collins Warren ... 1447
Dahlin, David C. Bone Tumors. General Aspects and an Analysis of 2,276 Cases ... 242
DePalma, Anthony F. Degenerative Changes in the Sternoclavicular and Acromioclavicular Joints in Various Decades ... 242
Ferguson, Albert Barnett, Jr. Orthopaedic Surgery in Infancy and Childhood ... 504
Ficat, Paul. L'Arthrographie Opaque du Genou. Contribution au Diagnostic des Dérangement Internes du Genou ... 982
Gillis, Leon. Artificial Limbs ... 503
Jaffee, Henry L. Tumors and Tumorous Conditions of the Bones and Joints ... 1445
Jordon, Henry H. Hemophilic Arthropathies ... 1448
Kelham, R. Langdale. Artificial Limbs in the Rehabilitation of the Disabled ... 243
Kerr, Donald and Brunnstrom, Signe. Training of the Lower Extremity Amputee ... 503
May, Hans. Reconstructive and Reparative Surgery. Ed. 2 ... 1447

PAGE

Moseley, H. F. The Forequarter Amputation ... 502
Müller, Maurice Edmond. Die Hüftnahen Femurosteotomien. Unter Berücksichtigung der Form, Funktion und Beanspruchung des Hüftgelenkes ... 503
Neuman, William F. and Margaret W. The Chemical Dynamics of Bone Mineral ... 502
Pack, George T., and Ariel, Irving M. Tumors of the Soft Somatic Tissues ... 981
Pap, K. Die Diafixation ... 1214
Surgical Forum, Vol. VIII. Proceedings of The Forum Sessions, Forty-Third Clinical Congress of the American College of Surgeons, October 1957 ... 982
Williams, Marian and Worthingham, Catherine. Therapeutic Exercise for Body Alignment and Function ... 504
Woodhall, Barnes, and Beebe, Gilbert W. (Editors). Peripheral Nerve Regeneration. A Follow-up Study of 3,656 World War II Injuries ... 980
Boston Orthopedic Institution, The. Jonathan Cohen ... 1176
Boylston, Bedford F. ... 1442
Brace for Correction of Torsion of the Lower Extremity, A. S. L. Haas ... 203
Brace, Making the Milwaukee ... 526
Bronchogenic Carcinoma ... 263
Brown, Buckminster ... 1176
Brown, John Ball ... 1176
Brown, Thornton ... 1211
Brucellosis Neuropathy. Walter Ganado and Alfred John Craig ... 1380
Bunions ... 41
Bunnell, Sterling. In Appreciation. Michael L. Mason ... 211
Walter C. Graham ... 213
Joseph H. Boyes ... 214
Bunnell, Sterling. Norman T. Kirk ... 488
Burned Hand, The Management of the. D. C. Robertson ... 625
Burns ... 79
Burns, Electrical, of the Upper Extremities. G. Kenneth Lewis ... 27

C

***Café au lait* Spots** ... 1245
Calcaneocavus Foot ... 911
Calcaneus ... 1115
Calcaneus Deformity ... 1359
Calcification ... 687, 1081
Calcific Tendinitis ... 107
Caldwell, Gene Delmar ... 946
Callus ... 435, 446, 1093
Camptodactylia ... 793
Capsulorrhaphy ... 41
Capsuloplasty after Patellectomy ... 386
Capsulotomy ... 299
Carcinoma, Epidermoid ... 263
Carpus and Tarsus, A Case of Bone Agenesis Involving the. George G. Omer and David L. Mossman ... 917

PAGE

Cartilage, Chemical Composition of ... 142, 153, 1081
Cartilage, Partial Curettement of Epiphyseal ... 887
Cartilage, Sulphur Metabolism in ... 457
Cell Cytoplasm ... 414
Central Fractures of the Acetabulum. Robert A. Knight and Hugh Smith ... 1
Central (Medullary) Fibrosarcoma of Bone. W. Scott Gilmer and G. Dean MacEwan ... 121
Cerebral Palsy ... 85, 803, 1019, 1359
Cerebral Palsy, Femoral Torsion in ... 803
Cerebral Palsy, Sensory Disturbances in the Hands of Children with. Mihran O. Tachdjian and William L. Minear ... 85
Cervical Intervertebral-Disc Calcification in Children. Thomas Hans Newton ... 107
Cervical-Spine Disorders, The Treatment of Certain, by Anterior Removal of the Intervertebral Disc and Interbody Fusion. George W. Smith and Robert A. Robinson ... 607
Cervical-Spine Injuries in Children. James P. Dunlap, Martin Morris, and Robert G. Thompson ... 681
Cervical Spine, Osteotomy of ... 833
The Changing Picture of Orthopaedic Practice. [Presidential Address. The American Orthopaedic Association]. George O. Eaton ... 935
Charcot Joints ... 457, 585, 1043
Chemotherapy in Tuberculosis ... 1161
Chlortetracycline ... 997
Chondroitin Sulphate ... 142, 153
Chondromalacia of the Patella ... 386, 1281
Chondromyxoma ... 1310
Chondrosarcoma ... 870, 1139
Chondrosarcoma of the Small Bones of the Hand. W. Edward Lansche, and Harlan J. Spjut ... 1139
Chronaxia ... 570
Chronology of Circulatory Changes in Poliomyelitis, The. Arthur W. Trott, Mary D. Nesline, and William T. Green 245
Cineplasty. Historical Review, Present Status, and Critical Evaluation of Sixty-four Patients. Robert Mazet, Jr. ... 1389
Circulation in Gout ... 743
Circulatory Changes in Poliomyelitis 245
Claudication, Intermittent ... 983
Clinical Manifestations of an Accessory Palmaris Muscle. Colin G. Thomas, Jr. ... 929
Clinical Orthopaedic Society ... 1443
Clinicopathological Study of Ninety-Four Limbs Amputated for Occlusive Vascular Disease. Patrick J. Kelly, David C. Dahlin, and Joseph M. Janes ... 72
Club-Foot ... 299, 1285
Club-Foot, Congenital ... 299
Cobb Method of Fusion in Scoliosis ... 529
Colchicine ... 743
Collagen ... 698, 1111

PAGE

Collagen in Rat Femora 1111
Committee on Fractures and Traumatic Surgery. [The American Academy of Orthopaedic Surgeons] 877
Comparison of Foot Forms Among the Non-Shoe and Shoe-Wearing Chinese Population, A. Lam Sim-Fook and A. R. Hodgson 1058
Comparative Anatomy, Iliotibial Tract 817
Compression in Arthrodesis. A Comparative Study of Methods of Fusion of the Knee in Ninety-three Cases. Marcus J. Stewart and W. Griffin Bland 585
Congenital Dislocation of the Hip, Femoral Torsion in 803
Congenital Club-Foot or Congenital Metatarsus Varus, Mobilization of the Tarsometatarsal and Intermetatarsal Joints for the Correction of Resistant Adduction of the Fore Part of the Foot in. Clarence H. Heyman, Charles H. Herndon, and Joseph M. Strong 299
Congenital Pseudarthrosis of the Tibia. Harold B. Boyd and Fred P. Sage 1245
Congenital Scoliosis 429
Connective Tissue after Denervation of an Extremity 153
Connective-Tissue Solids 142, 153
Contracture, Dupuytren's with Special Reference to Pathology. Robert D. Larsen and Joseph L. Posch 773
Correction of Equinus Deformity in Cerebral Palsy, The. Henry H. Banks and William T. Green 1359
Correction Loss in Scoliosis 529, 555
Corrosion of Orthopaedic Screws, The Significance of Metallic Transfer in the. Patrick G. Laing 853
Coxa Plana, Femoral Torsion in 803
Coxa Vara 844
Coxa Vara, Femoral Torsion in 803
Critical Analysis of Methods of Fusion for Scoliosis. An Evaluation in Two Hundred and Sixty-Six Patients, A. John H. Moe 529
Crystals of Bone Salt 414
Cuneiform Bones 299
Curvature of the Spine 833
Cutaneous Vasoconstriction in Poliomyelitis 245
Cutis as an Interposing Membrane 1003
Cutis Laxa 663
Cytoplasm of Cells 414

D

Dashboard Femoral Fracture. Pathomechanics, Treatment, and Prevention, The. Sterling J. Ritchey, George J. Schonholtz, and Milton S. Thompson 1347
Decerebrate Rigidity 1019
de Quervain's Disease. A Clinical and Anatomical Study. Luiz Leão 1063
Delayed Advancement in the Repair of Lacerated Flexor Profundus Tendons. Carruth J. Wagner 1241
Denervation Atrophy 153
Dermal Overgrafting of the Leg. George V. Webster, Rex A. Peterson, and Harold L. Stein 796
Dermodesis 570
Diabetes 72, 983, 1043
Diabetes Mellitus 72, 1043
Diabetes Mellitus, Observations of Neuropathic (Charcot) Joints Occurring in. Julian E. Jacobs 1043
Diaphyseal Dysplasia, Progressive 206
Discography 607
Dislocation, Anterior, of the Hip 1419
Dislocation, Experimental, of a Weight-Bearing Ball-and-Socket Joint in a Young Growing Animal, Sequelae of: Gross Alterations in Bone and Cartilage. William S. Smith, Richard J. Ireton, and Carl K. Coleman 1121
Dislocation, Hip 675, 1121, 1285, 1329, 1419
Dislocation, Posterior, of the Hip with Fracture of the Femoral Head, Primary Vitallium-Mold Arthroplasty for. Patrick J. Kelly and Paul R. Lipscomb 675
Dislocation of Quadriceps Tendon 386
Dislocation of the Shoulder, Bilateral Recurrent Posterior. S. L. Weissman and G. Torok 479
Dislocations, Bilateral, Recurrent, of the Superior Tibiofibular Joint with Peroneal-Nerve Palsy. A Case Summary. Joel B. Dennis and Ben A. Rutledge 1146
Dowel Intervertebral-Body Fusion 461
Dupuytren's Contracture. With Special Reference to Pathology. Robert D. Larsen and Joseph L. Posch 773
Dunlap Method of Determining Femoral Torsion 803
Dura Mater 1401

E

Early Juxtacortical Osteosarcoma (Parosteal Osteoma). Sheldon A. Jacobson 1310
[**Editorial**]. Scoliosis—Quo Vadis. John R. Cobb 507
[**Editorial**]. Scoliosis—Alan DeForest Smith 505
Effect of Pressor and Depressor Drugs on Intramedullary Bone-Marrow Pressure, The. Arthur H. Stein, Jr., Harry C. Morgan, and Roberto F. Porras 1103
Ehlers-Danlos Syndrome 663
Elbow 633, 1031, 1285
Elbow Bone Block 663
Electrical Burns of the Upper Extremities. G. Kenneth Lewis 27
Electrical Stimulation of Tensor Fasciae Latae 817
Electrolysis after Fracture Fixation with Metal Plates 323
Electron Microscopy 163, 414, 687

PAGE

Electron Microscopy of Epiphyseal and Articular Cartilage Matrix in the Femur of the Newborn Infant. D. A. Cameron, and Robert A. Robinson ... 163
Electron Microscopy of the Primary Spongiosa of the Metaphysis at the Distal End of the Femur in the Newborn Infant. Robert A. Robinson, and D. A. Cameron ... 687
Electronic Analogue Computer ... 171
Embolism ... 72
Enchondroma ... 263, 1139, 1310
Enchondroma, Malignant Transformation of ... 1139
Endochondral Ossification ... 1081, 1310
Endosteal-Bone Formation ... 435
Endosteum ... 419
Engelmann's Disease ... 206
Epidermoid Carcinoma ... 263
Epiphyseal Cartilage, Electron Microscopy of ... 163
Epiphysis, Distal Femoral, Ossification of the. John Caffey, Samuel H. Madell, Charles Royer, and Pablo Morales ... 647
Epiphysis, Experimental Trauma to the Distal Femoral, in Rabbits ... 887
Epiphysis, Osteochondritis of the Greater Trochanteric. Thomas D. Hall ... 644
Equinus Deformity in Cerebral Palsy, The Correction of. Henry H. Banks and William T. Green ... 1359
Equinus Deformity of the Foot ... 311
Estradiol-Induced Endosteal-Bone Formation ... 435
Estrogen ... 435, 1111
Estrogen, Role of, in Hypermineralization ... 1111
Ewing's Sarcoma of the Fibula ... 870
Exchange Fellowship Committee of The American Orthopaedic Association ... 1212
Excretion of Strontium ... 171
Exostosectomy ... 41
Exostosis ... 1310
Experimental Trauma to the Distal Femoral Epiphysis in Rabbits—II. A Study of. J. Albert Key and Lee T. Ford ... 887
Extension Deformity of Elbow ... 1285
Extensor Mechanism, Repair of. Patellectomy. Howard B. Shorbe, and Chauncey H. Dobson ... 1281
Extensor Tunnel (Cineplasty) ... 1389
Extra-Osseous and Intra-Osseous Blood Supply of the Talus, The. Robert A. Haliburton, C. Roger Sullivan, Patrick J. Kelly, and Lowell F. A. Peterson ... 1115
Extra-Osseous Localized Non-Neoplastic Bone and Cartilage Formation (so-called Myositis Ossificans). Clinical and Pathological Confusion with Malignant Neoplasms. Lauren V. Ackerman ... 279
Extra-Osseous Osteosarcoma ... 279

PAGE

F

Fabella ... 925
Fascia Lata as an Interposing Membrane ... 1003
Fascial Transplant ... 570, 633
Fasciotomy ... 773
Femoral Artery ... 72
Femoral Condyles ... 395
Femoral Epiphysis ... 647
Femoral Head ... 1
Femoral-Head Fracture ... 675
Femoral-Head Phlebography. A Method of Predicting Viability. Anders Hulth ... 844
Femoral Torsion ... 1121
Femur, Fracture of ... 323
Femur, Fresh Fractures of the Neck of ... 877
Femur, Lengthening of ... 311
Femur, Metaphysis of ... 1310
Femur, Neurilemoma of ... 465
Femur, Osteotomy of ... 1158
Femur, Sarcomata of ... 870
Femur, Torsion of the. A Follow-up Report on the Use of the Dunlap Method for its Determination. A. R. Shands, Jr., and Marshall K. Steele ... 803
Fibrin ... 79
Fibrocartilaginous Callus ... 1093
Fibrosarcoma ... 121, 870
Fibrosarcoma of Bone, Central (Medullary). W. Scott Gilmer and G. Dean MacEwan ... 121
Fibrous Dysplasia ... 1245
Fibula ... 1146
Fibula, Congenital Pseudarthrosis of the ... 1245
Finger Clawing ... 1071
Finger Function after Flexor Tendon Injury ... 256
Finger, Recurrent Locking of an Index. Adrian E. Flatt ... 1128
Fingers, Chondrosarcoma of ... 1139
Fingers and Thumb, Flexor-Tendon Injuries of the. A Comparative Study. Albert Van't Hof and Kingsbury G. Heiple ... 256
Fixation, Staple ... 114
Flaccidity of the Joints, Congenital. Arthrochalasis Multiplex Congenita. Julius Hass and Robert Hass ... 663
Flexible Meniscotomy Knife, A. Vincent E. Leggiadro ... 933
Flexion Contracture of the Cervical Spine ... 833
Flexor Tunnel (Cineplasty) ... 1389
Flexorplasty ... 1031
Flexor Profundus Tendons, Delayed Advancement in the Repair of Lacerated. Carruth J. Wagner ... 1241
Flexor Tenodesis ... 1031
Flexor-Tendon Injuries of the Fingers and Thumb. A Comparative Study. Albert Van't Hof and Kingsbury G. Heiple ... 256
Flexor Tendon Injuries ... 1220
Fluorescence of Tetracycline Anti-

PAGE

biotics in Bone. Robert A. Milch, David P. Rall, and John E. Tobie, with the assistance of Joseph M. Albrecht and Glenn Trivers ... 897

Follow-up Study of the Initial Group of Cases of Skeletal Tuberculosis Treated with Streptomycin, 1946–1948, A. The United States Veterans Administration and Armed Forces Cooperative Studies of Tuberculosis. Abraham Falk ... 1161

Follow-up Study of the Treatment of Scoliosis, A. Joseph C. Risser and Donald M. Norquist ... 555

Foot ... 41, 61, 299, 911, 1019, 1043, 1058, 1359

Foot, Calcaneocavus ... 911

Foot Forms Among the Non-Shoe and Shoe-Wearing Chinese Population. Lam Sim-Fook and A. R. Hodgson ... 1058

Foot, Mobilization of the Tarsometatarsal and Intermetatarsal Joints ... 299

Foot, Osteotomy-Bunionectomy ... 41

Foot, Plantar Keratosis of ... 61

Foot, Restriction of, by Footwear ... 1058

Foraminotomy ... 607

Forand Bill ... 935

Forearm Rotation Splint ... 483

Forearm Tunnel (Cineplasty) ... 1389

Fracture of Acetabulum ... 1

Fracture, The Dashboard Femoral. Pathomechanics, Treatment, and Prevention. Sterling J. Ritchey, George J. Schonholtz, and Milton S. Thompson ... 1347

Fracture-Dislocation of the Hip ... 675

Fracture of Femoral Neck, Displaced ... 844

Fracture Healing in Rats Treated with Aminoacetonitrile. Ignacio V. Ponseti and Fernando Aleu ... 1093

Fracture, Intracapsular ... 1329

Fracture, Pathological ... 121

Fracture, Ununited ... 1329

Fractures, Compression Arthrodesis in ... 585

Fractures of the Femoral and Tibial Shafts, Three-Side Plate Fixation for. Donald V. Marshall ... 323

Fractures, Fixation of ... 17, 323, 365, 486

Fractures, A Review and Analysis of 11,000 Seen in a Private Practice of Orthopaedic Surgery, 1937–1956. John E. Emmett and Louis W. Breck ... 1169

Fractures, Screw Fixation of ... 486

Fractures, The Use of Small Bone Screws in the Treatment of Metacarpal, Metatarsal, and Phalangeal. Burton C. Kilbourne and Eudell G. Paul ... 375

Freeze-Dried Bone ... 187

Fulguration ... 61

Fusion for Scoliosis, A Critical Analysis of Methods of. An Evaluation in Two Hundred and Sixty-six Patients. John H. Moe ... 529

Fusion of the Spine for Tuberculosis in Children. A Long Range Follow-up Study. Mather Cleveland, David M. Bosworth, J. William Fielding, and Panayiotis Smyrnis ... 91

PAGE

G

Gamma Radiation ... 187

Gangrene ... 72, 983

Gastrocnemius Origin, Fractional Lengthening of ... 1359

Gastrocnemius Recession. Five-Year Report of Cases. Luther M. Strayer, Jr. ... 1019

Georgia Orthopedic Society ... 1443

Ghormley, Ralph K. ... 239

Giant-Cell Tumor ... 263, 469, 1134

Giant-Cell Tumor of the Ulna, Malignant. Report of a Case of Eighteen Years' Duration. Robert M. Kimball and Dominic A. DeSanto ... 1131

Glutaeus Maximus, Stimulation of ... 817

Glutaeus Medius Gait ... 644

Gluteal Regions, Tumor of ... 1149

Goniometer Designed for the Hand, A. H. Rolf Noer and Donald R. Pratt ... 1154

Gordon Research Conferences ... 498

Gout ... 743, 994

Gout, The Surgical Management of Chronic Tophaceous. William A. Larmon, and James F. Kurtz ... 743

Gouty Arthritis, Selected Aspects of Acute and Chronic. An Internist's Interpretation of an Orthopaedist's Experiences with Gout and Gouty Arthritis. John H. Talbott ... 994

Graft, Arterial ... 983

Graft, Bone ... 91, 187, 446, 461, 529, 1245, 1329

Graft, Cutis ... 1003

Grafts, Skin ... 27, 79, 625

Grafting within the Flexor Tunnel ... 256

Granulation Tissue ... 79

Growth after Spine Fusion ... 91

Growth, Vertebral ... 555

Gylcogen in Normal Ossification and Calcification, Histochemical Studies on. Fritz Schajowicz and Rómulo L. Cabrini ... 1081

H

Hallux Rigidus ... 384

Hallux Valgus, Osteotomy-Bunionectomy for. C. Leslie Mitchell, Joseph L. Fleming, Richard Allen, Christopher Glenney, and Glenn A. Sanford ... 41

Hamstring Transplant for the Prevention of Calcaneocavus Foot in Poliomyelitis. Harry E. Emmel and John F. LeCocq ... 911

Hand ... 79, 85, 263, 625, 773, 929, 1031, 1071, 1139, 1220, 1230, 1239

Hand, Burned ... 625

Hand, Chondrosarcoma of the Small Bones of the. W. Edward Lansche and Harlan J. Spjut ... 1139

Hand Drill or Wire Inserter. Harold Lusskin, Lillian S. Lusskin, and Ralph Lusskin ... 485

Hand, Dupuytren's Contracture of ... 773

PAGE

Hand, Goniometer for ... 1154
Hand Injuries in Children ... 1220
Hand, Metastatic Tumors of the ... 263
Hand, Open Grafting of Raw Surfaces of. Bradford Cannon ... 79
Hand, Rheumatoid Tenosynovitis of 1230
Hand, Roentgenography of ... 1156
Hands with Sensory Disturbances in Cerebral Palsy ... 85
Hand, Tenosynovial Osteochondroma in the. Allen F. Murphy and James N. Wilson ... 1236
Haversian System ... 419, 698
Haversian Systems, The Three Dimensional Anatomy of. Jonathan Cohen and William Harris ... 419
Heel-Cord Lengthening ... 1359
Hemangioma, Venous ... 1149
Hematoma ... 1271
Hemangiopericytoma of the Lower Extremity. A Case Report. Fred C. Reynolds and W. Edward Lansche ... 921
Hemorrhage, Control of ... 1271
Heterotopic Bone Formation ... 925
Hexosamine in Rat Femora ... 1111
Hibbs Spine Fusion ... 505, 529
Hip ... 1, 114, 675, 844, 877, 1121, 1329
Hip, Arthrodesis ... 114
Hip, Dislocation of ... 1, 675, 1121
Hip, Posterior Dislocation of ... 675
Hip, Traumatic Anterior Dislocation of the, in Children. Lynn O. Litton and Charles Workman ... 1419
Hip, Vitallium-Mold Arthroplasty of 675
Histamine ... 1103
Histochemical Studies on Glycogen in Normal Ossification and Calcification. Fritz Schajowicz and Rómulo L. Cabrini ... 1081
Homogenous-Bone Transplants ... 187, 446
Homogenous-Bone Transplants Utilizing Radioactive Cobalt, Radiation Sterilization of. A Preliminary Report. Paul H. DeVries, Carl E. Badgley, and J. Ted Hartman ... 187
Hormones ... 435
Humeral Rotation ... 633
Hyaline Cartilage ... 142, 1081
Hyperchromatism ... 1310
Hypertension of the Joints ... 663

I

Idiopathic Scoliosis ... 511, 529, 555, 570
Idiopathic (Metabolic) Scoliosis ... 555
Idiopathic Scoliosis, The Pathogenesis and Treatment of. A Preliminary Report. Adam Gruca ... 570
Iliotibial Tract, The. Clinical and Morphological Significance. Emanuel Kaplan ... 817
Immobilization of Fractures ... 17
Index Finger, Recurrent Locking of ... 1128
Inhibition of Estradiol-Induced Endosteal-Bone Formation after Intrafemoral Implantation of Testosterone Propionate into Mice. Howard K. Suzuki ... 435

PAGE

Injuries to Flexor Tendons of the Hand in Children. John L. Bell, Michael L. Mason, Sumner L. Koch, and William B. Stromberg, Jr. ... 1220
Internal Fixation ... 1329
International Society of Orthopaedic Surgery and Traumatology, The ... 1211
International Academy of Pathology ... 498
Instruments for Use with Flexible Steel Wire in Bone Surgery. F. W. Rhinelander ... 365
Intermetatarsal Angle, Measurement of ... 41
Intermetatarsal Joint ... 299
Intervertebral-Disc Calcification ... 107
Intervertebral-Disc Degeneration ... 607
Intervertebral Disc and Sciatica, The. An Experimental Study. M. J. Smyth and V. Wright ... 1401
Intramedullary Bone-Marrow Pressure, The Effect of Pressor and Depressor Drugs on. Arthur H. Stein, Jr., Harry C. Morgan, and Roberto F. Porras ... 1103
Intramedullary Fixation, The Küntscher Method of. Gerhard B. G. Küntscher ... 17
Intrameniscal Lunulae, Unusual. Three Case Reports. Irwin E. Rosen ... 925
Iron Pigment in Dupuytren's Contracture ... 773
Iron Salts ... 853
Irradiated Bone Transplants ... 187
Irradiation in Plantar Keratosis ... 61
Ischaemia ... 72, 1271
Ischaemic Limb, Reversibility of Pregangrene in the Severely. A. W. Humphries, V. G. deWolfe; and F. A. LeFevre ... 983
Ischium, Fracture of ... 1

J

Japanese Society of Orthopaedic Surgery ... 217
Joint Changes Following Experimental Partial and Total Patellectomy. Anthony F. DePalma and Joseph J. Flynn ... 395
Joint Destruction in Gout ... 473
Joints, Flaccidity of ... 663
Juvenile Upper-Extremity Amputees ... 655

K

Kappa Delta Award ... 498
Keratosis ... 61
Kinetics of Strontium Metabolism in Man. Göran C. H. Bauer and Robert D. Ray ... 171
Knee ... 386, 395, 585, 647, 921, 925, 1003, 1019
Knee, Fusion of ... 585
Knee, Use of Cutis as an Interposing Membrane in Arthroplasty of the. Joseph E. Brown, W. H. McGaw, and Darrell T. Shaw ... 1003
Knight, Robert A. ... 1207

PAGE

Küntscher Method of Intramedullary Fixation, The. Gerhard B. G. Küntscher . . . 17
Kyphosis . . . 91

L

Laminectomy . . . 461, 607, 833
Latissimus Dorsi Transfer . . . 633
Leg, Dermal Overgrafting of the. George V. Webster, Rex A. Peterson, and Harold L. Stein . . . 796
Leg-Lengthening. A Personal Follow-up of Forty Patients Some Twenty Years after the Operation. Harold A. Sofield, Sidney J. Blair, and Edward A. Millar . . . 311
Leiomyoma, Recurrent and Calcified, of the Pelvis and Gluteal Regions, Complicated by Pregnancy. A Case Report. Bernard Cooperman, Ferdinand F. McAllister, and Frederick M. Smith . . . 1149
Ligamentum Flavum . . . 1401
Ligamentum Teres Femoris . . . 844, 1121
Lightning Burns . . . 27
Lilly Endowment Award . . . 239
Limb-Length Equalization . . . 114
Lipoma . . . 1245
Localizer Cast in Scoliosis . . . 529, 555
Lordosis, Compensatory . . . 91
Louisiana Orthopaedic Society . . . 500
Lower Extremity, Hemangiopericytoma of the. A Case Report. Fred C. Reynolds and W. Edward Lansche . . . 921
Lumbar-Nerve Roots . . . 1401
Lumbar Spine . . . 91
Luschka Joints . . . 607

M

Malignant Giant-Cell Tumor of the Ulna. Report of a Case of Eighteen Years' Duration. Robert M. Kimball and Dominic A. DeSanto . . . 1131
Management of Brachial-Plexus Injuries (Traction Type). John F. Tracey and Earl W. Brannon . . . 1031
Management of the Burned Hand, The . . . 625
Matrix, Epiphyseal and Articular Cartilage . . . 163
Measurement of Tendon Function . . . 257
Median-Nerve Compression at the Wrist. Lauro Barros de Abreu and Roberto Godoy Moreira . . . 1426
Medicare . . . 935
Mediotarsal Joint . . . 299
Medullary Canal . . . 17
Medullary Fibrosarcoma of Bone . . . 121
Membranos Ossification . . . 1081
Meniscal Loose Bodies . . . 925
Meniscotomy Knife, A Flexible. Vincent E. Leggiadro . . . 933
Mesenchyma . . . 698
Mesoderm . . . 698

PAGE

Mesodermal Tissues . . . 1093
Metabolism, Strontium . . . 171
Metacarpal . . . 1139
Metacarpal Bone Block . . . 633
Metacarpal Fractures . . . 375
Metallic Transfer . . . 853
Metastatic Tumors of the Hand. Robert Kerin . . . 263
Metatarsus Adductus . . . 299
Metatarsus Varus . . . 299
Metarsus Primus Varus . . . 41
Metatarsals . . . 1043
Metatarsal Shaft in the Treatment of Plantar Keratosis, Shortening of the. An End-Result Study. Nicholas J. Giannestras . . . 61
Metatarsalgia . . . 41
Metatarsophalangeal Joint . . . 384
Method of Fusion of the Metatarsophalangeal Joint of the Great Toe, A. C. Laird Wilson . . . 384
Making the Milwaukee Brace. W. P. Blount, A. C. Schmidt, and R. G. Bidwell . . . 526
Mid-Central States Orthopaedic Society . . . 1443
Milwaukee Brace . . . 505, 511, 526, 529
Milwaukee Brace in the Operative Treatment of Scoliosis, The. W. P. Blount, A. C. Schmidt, E. D. Keever, and E. T. Leonard . . . 511
Milwaukee Brace, Making the. W. P. Blount, A. C. Schmidt, and R. G. Bidwell . . . 526
Minerals, Collagen, and Hexosamine in Rat Femora. Harry Sobel . . . 1111
Minnesota, Dakota, Manitoba Orthopedic Society . . . 1443
Mobilization of the Tarsometatarsal and Intermetatarsal Joints for the Correction of Resistant Adduction of the Fore Part of the Foot in Congenital Club-Foot or Congenital Metatarsus Varus. Clarence H. Heyman, Charles H. Herndon, and Joseph M. Strong . . . 299
Modified Forearm Rotation Splint, A. J. A. Mayne . . . 483
Modified Nail for Hip Fractures. Meyer M. Stone . . . 931
Mortality in Tuberculosis . . . 346
Muscle, Accessory Palmaris . . . 929
Muscle Imbalance in Scoliosis . . . 570
Muscle Temperature . . . 245
Muscle Transplantation . . . 85, 570, 633, 1071
Muscle Weakness after Leg-Lengthening . . . 311
Musculoskeletal Destruction in Gout . . . 743
Myelography . . . 607
Myositis Ossificans . . . 279

N

Nachlas, I. William . . . 1208
Nailing, Intramedullary . . . 17
Nail for Hip Fractures . . . 931
National Safety Council . . . 494

PAGE

Nationalization of Medicine 935
Nerve Compression 1426
Nerve Compression in Gout 473
Nerve-Root Compression 607, 1401
Nerve Roots 1031
Neurectomy, Stoeffel 1359
Neurilemona Involving Bone. Maynard S. Hart and W. Compere Basom 465
Neurofibromatosis 1245
Neuropathic (Charcot) Joints 1043
Neuropathy, Brucellosis 1380
New Jersey Orthopaedic Society 240
News Notes 239, 494, 1211, 1444
Non-Neoplastic Bone and Cartilage Formation 279
Non-Union 1245
Non-Union of Femoral-Neck Fractures 1329
Norcross, John R. 943
Nor-epinephrine 1103
Nucleus Pulposus 107

O

Obituaries
Lawson Thornton 491
DeForest Porter Willard 492
Elven J. Berkheiser 713
John R. Norcross 943
Richmond Stephens 945
Gene Delmar Caldwell 946
Robert A. Knight 1207
I. William Nachlas 1208
Henry Franz Ullrich 1210
Bedford F. Boylston 1442
Observations of Neuropathic (Charcot) Joints Occurring in Diabetes Mellitus. Julian E. Jacobs 1043
Occiput 607
Occlusive Vascular Disease, Clinicopathological Study of Ninety-Four Limbs Amputated for. Patrick J. Kelly, David C. Dahlin, and Joseph M. Janes 72
Open Grafting of Raw Surfaces of the Hand. Bradford Cannon 79
Opponensplasty 1031
Orthopaedic Associations of the English-Speaking World 494, 1179, 1428
Orthopaedic Guild 240
Orthopedic Institution, The Boston. Jonathan Cohen 1176
Orthopaedic Practice, The Changing Picture of. [Presidential Address. The American Orthopaedic Association.] George O. Eaton 935
Orthopaedic Research and Education Foundation 239
Orthopaedic Research Society 1196
Orthopaedic Surgery, Teaching of 707
Os Purum 187
Ossicles, as Vestigial Structures 925
Ossification 446
Ossification of the Distal Femoral Epiphysis. John Caffey, Samuel H. Madell, Charles Royer, and Pablo Morales 647
Osteo-Arthritis 384, 607
Osteoblast 687, 698, 1081

PAGE

Osteochondritis Dissecans 457, 647
Osteochondritis of the Greater Trochanteric Epiphysis. Thomas D. Hall 644
Osteochondroma, Tenosynovial, in the Hand. Allen F. Murphy and James N. Wilson 1236
Osteoclast 414, 698
Osteocytes 687, 698, 1081
Osteofibrous Canal, Incision of 793
Osteogenesis 446, 1081, 1095
Osteogenic Fibroma 469
Osteogenic Sarcoma 469
Osteoid 687
Osteoid Osteoma 263, 469
Osteomyelitis, Tuberculous 346
Osteons 419, 698
Osteophyte 607
Osteoplastic Resorption 279
Osteosarcoma 1139
Osteosarcoma, Extra-Osseous 279
Osteosynthesis 17
Osteotomy-Bunionectomy for Hallux Valgus. C. Leslie Mitchell, Joseph L. Fleming, Richard Allen, Christopher Glenney, and Glenn A. Sanford 41
Osteotomy, High Femoral 1158
Osteotomy of the Spine. Report of a Case of Ankylosing Rheumatoid Spondylitis. Marshall R. Urist 833
Overgrafting, Dermal, of the Leg. George V. Webster, Rex A. Peterson, and Harold L. Stein 796
Oxytetracycline 897

P

Pacinian Corpuscles 773
Paget's Disease of the Patella. Lawrence H. Gordon 1423
Palmar Aponeurosis 773
Palmaris Muscle, Accessory, Clinical Manifestations of an. Colin G. Thomas, Jr. 929
Paralysis of the Upper Extremity 633, 1031
Paralytic Scoliosis 511, 529, 555
Paraplegia 91, 138
Paravertebral Abscess, Tuberculous 1161
(Parosteal Osteoma), Early Juxtacortical Osteosarcoma. Sheldon A. Jacobson 1310
Patella 386, 395, 585, 1003, 1281, 1423
Patella, Paget's Disease of the. Lawrence H. Gordon 1423
Patella, Recurrent Dislocation of the, in the Adult. End Results of Patellectomy with Quadricepsplasty. Francis E. West and Ralph Soto-Hall 386
Patellectomy 386, 395, 1003, 1281
Patellectomy, Joint Changes Following Experimental, Partial, and Total. Anthony F. DePalma and Joseph J. Flynn 395
Patellectomy. Repair of the Extensor Mechanism. Howard B. Shorbe and Chauncey H. Dobson 1281
Patellofemoral Joint 386, 395, 1281
Pathogenesis of Congenital Pseudarthrosis 1245

PAGE

Pathogenesis and Treatment of Idiopathic Scoliosis, The. A Preliminary Report. Adam Gruca ... 570
Pectoral Tunnel (Cineplasty) ... 1389
Pectoralis Major Transfer ... 633
Pelvis ... 1, 870, 1149
Pelvis, Sarcomata of ... 870
Pelvis, Tumor of ... 1149
Peripheral Circulation ... 245
Periosteal-Bone Proliferation ... 279
Periosteum ... 419
Peroneal Artery ... 72
Peroneal-Nerve Palsy ... 1146
Pes Adductus ... 299
Phalangeal Fracture ... 375
Phalanx, Chondrosarcoma of ... 1139
Phlebography, Femoral-Head. A Method of Predicting Viability. Anders Hulth ... 844
Pituitrin ... 1103
Plantar Keratosis, Shortening of the Metatarsal Shaft in the Treatment of. An End-Result Study. Nicholas J. Giannestras ... 61
Plantar Wart ... 61
Plates, Anterior-Angled, for High Femoral Osteotomies. Patrick G. Laing ... 1158
Plates for Fracture Fixation ... 323
Poliomyelitis ... 245, 311, 511, 529, 555, 585, 633, 911
Poliomyelitis, The Chronology of Circulatory Changes in. Arthur W. Trott, Mary D. Nesline, and William T. Green ... 245
Poliomyelitis, Hamstring Transplant for the Prevention of Calcaneocavus Foot in. Harry E. Emmel and John F. LeCocq ... 911
Poliomyelitis, The Surgical Reconstruction of the Upper Extremity Paralyzed by. Edwin R. Schottstaedt, Loren J. Larsen, and Frederic C. Bost. 633
Poliomyelitic Scoliosis ... 511, 529, 555
Popliteal Artery ... 72
Pott's Disease ... 91
Posterior Dislocation, Shoulder ... 479
Preliminary Report of the Committee on Fractures and Traumatic Surgery on the Use of a Prosthesis in the Treatment of Fresh Fractures of the Neck of the Femur. Fred C. Reynolds ... 877
Presence of Crystals in the Cytoplasm of Large Cells Adjacent to Sites of Bone Absorption, The. D. A. Cameron and Robert A. Robinson ... 414
Preserved Bone ... 446
Presidential Address: The American Academy of Orthopaedic Surgeons. Quo Vadis Orthopaedia Americana. Frederic C. Bost ... 707
Presidential Address: The American Orthopaedic Association. The Changing Picture of Orthopaedic Practice. George O. Eaton ... 935
Pressure, Intramedullary ... 1103

PAGE

Proceedings
American Academy for Cerebral Palsy 1203
American Academy of Orthopaedic Surgeons, The ... 715, 732
American College of Surgeons. The Forum on Fundamental Surgical Problems. Orthopaedic Section ... 228
American Medical Association. Section on Orthopaedic Surgery ... 232
American Society for Surgery of the Hand ... 947
Russell A. Hibbs Society, The ... 959
Japanese Society of Orthopaedic Surgery, The ... 217
Joint Meeting of the American, the British, the Canadian, the Australian, and the South African Orthopaedic Associations ... 1179, 1428
Orthopaedic Research Society, The ... 1196
Southern Medical Association. Section on Orthopaedic and Traumatic Surgery ... 963
Western Orthopedic Association ... 969
Progressive Diaphyseal Dysplasia (Engelmann's Disease). Report of a Case with Twenty-two Year Follow-up. Victor G. Mikity and George Jacobson ... 206
Primary Vitallium-Mold Arthroplasty for Posterior Dislocation of the Hip with Fracture of the Femoral Head. Patrick J. Kelly and Paul R. Lipscomb 675
Probenecid ... 743, 994
Prostheses, Cineplastic ... 1389
Prostheses, Upper-Extremity, in Children ... 655
Prosthesis, Preliminary Report of the Committee on Fractures and Traumatic Surgery on the Use of a, in the Treatment of Fresh Fractures of the Neck of the Femur. Fred C. Reynolds ... 877
Prosthetic Tolerance ... 655
Pseudarthrosis ... 17, 91, 511, 529, 555, 844, 1245
Pseudarthrosis, Congenital, of the Tibia ... 1245
Pseudarthrosis following Osteotomy of the Spine ... 511
Pseudarthrosis in Scoliosis ... 529, 555
Pseudodislocation of Cervical Vertebrae ... 681
Public Welfare Assistance Program ... 935
Pulmonary Tuberculosis ... 346
Punch-Card File, Analysis of Data From ... 1169
Pyogenic Arthritis ... 585

Q

Quadriceps Mechanism ... 386, 395, 1281
Quo Vadis Orthopaedia Americana. [Presidential Address: The American Academy of Orthopaedic Surgeons.] Frederic C. Bost ... 707
Quantitative Histochemical Patterns in Cartilage ... 153

PAGE

R

Radiation Sterilization of Homogenous-Bone Transplants Utilizing Radioactive Cobalt. Paul H. DeVries, Carl E. Badgley, and J. Ted Hartman 187
Radiation, Supervoltage, for Sarcomata of the Pelvis and Lower Extremities. G. Edmund Haggart, David O. Johnston, and Francis Creeden 870
Radioactive Cobalt 187
Radioactive Strontium 171
Recent Observations on Bone Structure. Bengt Engfeldt 698
Reconstruction, Surgical, of the Upper Extremity 633
Recurrent Calcified Leiomyoma of the Pelvis and Gluteal Regions Complicated by Pregnancy. A Case Report. Bernard Cooperman, Ferdinand F. McAllister, and Frederick M. Smith 1149
Recurrent Dislocation of the Patella in the Adult. End Results of Patellectomy with Quadricepsplasty. Francis E. West and Ralph Soto-Hall 386
Recurrent Dislocation, Shoulder 479
Recurrent Locking of an Index Finger. Adrian E. Flatt 1128
Repair of Bone-Transplant Fractures. Michael Bonfiglio 446
Resistance of the Body to Electric Current 27
Resorption Spaces 419
Resting Bone 1081
Reticulum-Cell Sarcoma 870
Revascularization of Bone Grafts 187
Reversibility of Pregangrene in the Severely Ischaemic Limb. A. W. Humphries, V. G. deWolfe, and F. A. LeFevre 983
Review and Analysis of 11,000 Fractures Seen in a Private Practice of Orthopaedic Surgery, 1937–1956, A. John E. Emmett and Louis W. Breck 1169
Rhabdomyosarcoma 1245
Rheumatoid Arthritis 457, 1063
Rheumatoid Tenosynovitis. Diagnosis and Treatment. T. A. Potter and J. G. Kuhns 1230
Riordan Tenodesis 1071
Roentgenographic Technique in Acetabular Fractures 1
Roentgenography, Thumb 1156
Rogers, William A., and The Journal. Leo Mayer 1215
Rotator Cuff 633

S

Sacral-Nerve Root 1401
Sacro-iliac Joint 1
Sarcoma 121
Schwann Cells 465
Sciatica and the Intervertebral Disc. Experimental Study, An. M. J. Smyth and V. Wright 1401
Scoliosis 505, 507, 511, 529, 555, 570

PAGE

Scoliosis, A Critical Analysis of Methods of Fusion for. An Evaluation in Two Hundred and Sixty-six Patients. John H. Moe 529
Scoliosis [Editorial]. Alan DeForest Smith 505
Scoliosis, A Follow-up Study of the Treatment of. Joseph C. Risser and Donald M. Norquist 555
Scoliosis, Idiopathic, The Pathogenesis and Treatment of. A Preliminary Report. Adam Gruca 570
Scoliosis, The Milwaukee Brace in the Operative Treatment of. W. P. Blount, A. C. Schmidt, E. D. Keever, and E. T. Leonard 511
Scoliosis—Quo Vadis? [Editorial]. John R. Cobb 507
Screw Fixation of Fractures, The Step-Down Drill-Bit in. Thomas D. Hall 486
Screws, Corrosion of Orthopaedic 853
Screws in Fractures of Small Bones 375
Selected Aspects of Acute and Chronic Gouty Arthritis. An Internist's Interpretation of an Orthopaedist's Experiences with Gout and Gouty Arthritis. John H. Talbott 994
Sensory Disturbances in the Hands of Children with Cerebral Palsy. Mihran O. Tachdjian and William L. Minear 85
Sequelae of Experimental Dislocation of a Weight-Bearing Ball-and-Socket Joint in a Young Growing Animal. Gross Alterations in Bone and Cartilage. William S. Smith, Richard J. Ireton, and Carl R. Coleman 1121
Serum 171
Sesamoid Bone of Index Finger 1128
Sesamoid Bone within Medial Meniscus of Knee 925
Shock, Electric 27
Shoes 1058
Shortening of the Metatarsal Shaft in the Treatment of Plantar Keratosis. An End-Result Study. Nicholas J. Giannestras 61
Shoulder 1031
Shoulder Arthrodesis 633
Significance of Metallic Transfer in the Corrosion of Orthopaedic Screws, The. Patrick G. Laing 853
Sinus, Tuberculous 1161
Skeletal Tuberculosis, An Analysis of Adult. Edward M. LaFond 346
Skin-Grafting 79, 625, 743, 796
Skin Temperature 245
Soleus, Lengthening of 1019
South Carolina Orthopedic Association 1443
Southern Medical Association. Section on Orthopaedic and Traumatic Surgery 963
Spinal Cord, Injuries to the 1071
Spine Fusion 91, 187, 507, 511, 529, 555, 570, 607, 1161
Spine Liberation 570
Spine, Osteotomy of the. Report of a

PAGE

Case of Ankylosing Rheumatoid Spondylitis. Marshall R. Urist ... 833
Spitzy, Hans ... 490
Splint, A Modified Forearm Rotation. J. A. Mayne ... 483
Spondylitis, Ankylosing ... 833
Spondylitis, Tuberculous ... 91
Spondylosis of the Cervical Spine ... 607
Spongiosa ... 687
Springplasty ... 570
Stabilizer Frame for Scoliosis ... 505
Step-Down Bit in Screw Fixation of Fractures, The. Thomas D. Hall ... 486
Stephens, Richmond ... 945
Stereognosis ... 85
Sterile Bone ... 187
Sternocleidomastoideus Transfer ... 633
Steroids, Reaction of, on Bone ... 435
Streptomycin, Effect on Tuberculous Osteomyelitis ... 346
Streptomycin in the Treatment of Tuberculosis ... 1161
Strontium Metabolism in Man, Kinetics of. Göran C. H. Bauer and Robert D. Ray ... 171
Study of Experimental Trauma to the Distal Femoral Epiphysis in Rabbits, A. II. J. Albert Key and Lee T. Ford ... 887
Surcingle Jacket ... 505
Surgery in Cerebral Palsy ... 85
Surgical Management of Chronic Tophaceous Gout, The. William A. Larmon and James F. Kurtz ... 743
Surgical Reconstruction of the Upper Extremity Paralyzed by Poliomyelitis, The. Edwin R. Schottstaedt, Loren J. Larsen, and Frederic C. Bost ... 633
Surgical Treatment of Trigger-Finger by a Subcutaneous Method. Jean Lorthioir, Jr. ... 793
Sulphur Metabolism in Cartilage. I. Joint Fluid Sulphate. O. Donald Chrisman, Charles O. Bechtol, Rose Coelho, and Robert Brennan ... 457
Supervoltage Radiation for Sarcomata of the Pelvis and Lower Extremities. A Preliminary Report. G. Edmund Haggart, David O. Johnston, and Francis Creeden ... 870
Sympathectomy ... 983
Sympathicoblastoma ... 263
Symphysis Pubis, Dislocation of the ... 1
Synovial Fluid ... 457

T

Talus ... 209, 469, 1115
Talus, Benign Osteoblastoma of the. A Review of the Literature and Report of a Case. Nicholas J. Giannestras and Jack R. Diamond ... 469
Talus, Intra-Osseous and Extra-Osseous Blood Supply of the. Robert A. Haliburton, C. Roger Sullivan, Patrick J. Kelly, and Lowell F. A. Peterson ... 1115
Talipes Equinovarus ... 1146

PAGE

Tarsal Canal ... 1115
Tarsal Sinus ... 1115
Tarsometatarsal Joint ... 61, 299
Temperature of Skin and Muscle in Poliomyelitis ... 245
Tendo Achillis Lengthening ... 311
Tenodesis ... 633, 1071
Tendon-Grafting ... 1220, 1241
Tendon Repairs ... 256
Tendon Sheath, Inflammation of ... 1063
Tendon Transfer ... 209, 633
Tendon Transfers to Restore Function of Hands in Tetraplegia, Especially after Fracture-Dislocation of the Sixth Cervical Vertebra on the Seventh. Paul R. Lipscomb, Earl C. Elkins, and Edward D. Henderson ... 1071
Tennessee State Orthopedic Society ... 1443
Tensor Fasciae Latae ... 817
Tenosynovial Osteochondroma in the Hand. Allen F. Murphy and James N. Wilson ... 1236
Tenosynovitis ... 1063, 1230
Tenosynovitis, Rheumatoid. Diagnosis and Treatment. T. A. Potter and J. G. Kuhns ... 1230
Testosterone Propionate ... 435
Tetracycline Antibiotics in Bone, Fluorescence of. Robert A. Milch, David P. Rall, and John E. Tobie, with the assistance of Joseph M. Albrecht and Glenn Trivers ... 897
Tetraplegia, Especially After Fracture-Dislocation of the Sixth Cervical Vertebra on the Seventh, Tendon Transfers to Restore Hands in. Paul R. Lipscomb, Earl C. Elkins, and Edward D. Henderson ... 1071
Thoracic Lordosis ... 511
Thoracic Spine ... 91
Thoracopelvic Approachment ... 91
Thornton, Lawson ... 491
Three-Dimensional Anatomy of Haversian Systems, The. Jonathan Cohen and William H. Harris ... 419
Three-Side Plate Fixation for Fractures of the Femoral and Tibial Shafts. Donald V. Marshall ... 323
Thromboangiitis Obliterans ... 72
Thrombosis ... 983, 1271, 1425
Thigh, Muscles of ... 817
Thumb ... 256, 633, 1031, 1063, 1071, 1156
Thumb, Carpometacarpal Joint ... 1156
Thumb and Finger Function, Reconstruction of ... 633
Tibia ... 17, 121, 311, 323, 1146, 1245
Tibia, Congenital Pseudarthrosis of. H. B. Boyd and F. P. Sage ... 1245
Tibia, Fracture of ... 323
Tibia, Lengthening of ... 311
Tibiofibular Joint ... 1146
Tissue Distribution of Fluorescence ... 897
Toe, Great ... 384
Tophaceous Gout ... 743, 994
Torsion of the Femur. A Follow-up Report on the Use of the Dunlap Method for its Determination. A. R. Shands, Jr., and Marshall K. Steele ... 803

PAGE

Torsion, Lower Extremity 203
Trauma, Experimental in Epiphyses of Rabbits 887
Traumatic Anterior Dislocation of the Hip in Children. Lynn O. Litton and Charles Workman 1419
Treatment by Bone-Grafting of Aseptic Necrosis of the Femoral Head and Non-union of the Femoral Neck (Phemister Technique). Michael Bonfiglio and Maxwell B. Bardenstein 1329
Treatment of Certain Cervical-Spine Disorders by Anterior Removal of the Intervertebral Disc and Interbody Fusion, The. George W. Smith and Robert A. Robinson 607
Triceps Tunnel (Cineplasty) 1389
Trigger-Finger, Surgical Treatment of, by a Subcutaneous Method. Jean Lorthioir, Jr. 793
Trochanter 1
Trophic Ulcers 61, 1043
Tuberculosis 91, 114, 346, 585, 1161
Tuberculosis in Children, Fusion of the Spine for. A Long Range Follow-up Study. Mather Cleveland, David M. Bosworth, J. William Fielding, and Panayiotis Smyrnis 91
Tumor 121, 263, 279, 465, 469, 870, 921, 1131, 1139, 1149, 1236, 1310
Tumor, Giant-Cell 1131
Tumors of the Hand 263, 1139, 1236
Tumor, Malignant Bone 121
Tumor of Peripheral Nervous System 465
Turnbuckle Jacket 505
Turnbuckle Cast 505, 529, 555

U

Ulna, Giant-Cell Tumor of 1131
Ullrich, Henry Franz 1210
Unusual Intrameniscal Lunulae. Three Case Reports. Irwin E. Rosen 925
Upper-Extremity Prostheses in Children, Age of Fitting. A Clinical Study. James A. MacDonell 655
Uric Acid in Gout 743, 994
Uricosuric Agents 743, 994
Use of Blade-Guides in Intervertebral-Body Bone-Grafting, The. Walter P. Barnes, Jr. 461
Use of Cutis as an Interposing Membrane in Arthroplasty of the Knee. Joseph E. Brown, W. H. McGaw, and Darrell T. Shaw 1003
Use of Small Bone Screws in the Treatment of Metacarpal, Metatarsal, and Phalangeal Fractures, The. Burton C. Kilbourne and Eudell G. Paul 375

V

Vasoconstriction, Peripheral, in Poliomyelitis 245
Vascular Foramina of the Talus 1115
Vascular Injuries in the Orthopaedic Patient. Carl W. Hughes 1271
Vascularization of the Femoral Head 844
Venography 844
Verruca Plantaris 61
Vertebra 1071
Veterans Administration 935
Virginia Orthopaedic Society, The ... 239
Viruses 187
Vitallium-Mold Arthroplasty 675
Volkmann Canals 419
Volkmann's Ischaemic Contracture .. 625

W

Water Content of Cartilage 153
Western Orthopedic Association .. 969, 1211
Willard, DeForest Porter 492
Wire Inserter 485
Wittek, Arnold 490
Wrist 85, 633, 929, 1031, 1071, 1425
Wrist Fusion 85
Wrist Motion and Stability 633

ADDRESSES OF CONTRIBUTORS
DECEMBER 1958

HENRY H. BANKS, M.D., 721 Huntington Avenue, Boston 15, Massachusetts
MAXWELL B. BARDENSTEIN, M.D., University Hospitals, Iowa City, Iowa
JOHN L. BELL, M.D., 154 East Erie Street, Chicago 11, Illinois
MICHAEL BONFIGLIO, M.D., State University of Iowa, Iowa City, Iowa
HAROLD B. BOYD, M.D., 869 Madison Avenue, Memphis 3, Tennessee
ALFRED JOHN CRAIG, M.D., F.R.C.S., Royal University of Malta, Valletta, Malta
LAURO BARROS DE ABREU, M. D., Avenida Angelica, 2754, São Paulo, Brazil
CHAUNCEY H. DOBSON, M.D., Bone and Joint Hospital, Oklahoma City, Oklahoma
WALTER GANADO, M.D., M.R.C.P., Royal University of Malta, Valletta, Malta
RODERTO GODOY MOREIRA, M.D., Avenida Brig. Luiz Antonio, 2050, São Paulo, Brazil
LAWRENCE H. GORDON, M.D., Stanford University Hospital, Clay and Webster Streets, San Francisco, California
WILLIAM T. GREEN, M.D., 300 Longwood Avenue, Boston 15, Massachusetts
LT. COL. CARL W. HUGHES, M.C., U.S.A., Asst. Chief, Department of Surgery, Headquarters Tripler U.S. Army Hospital, APO 438, San Francisco, California
SHELDON A. JACOBSON, M.D., Veterans Administration Hospital, Vancouver, Washington
SUMNER L. KOCH, M.D., 154 East Erie Street, Chicago 11, Illinois
J. G. KUHNS, M. D., 416 Marlborough Street, Boston 15, Massachusetts
WILLIAM C. LITHGOW, M.D., 81 South La Salle Street, Aurora, Illinois
LYNN O. LITTON, M.D., University of Kansas Medical Center, Kansas City 12, Kansas
MICHAEL L. MASON, M.D., 154 East Erie Street, Chicago 11, Illinois
LEO MAYER, M.D., 1150 Fifth Avenue, New York 28, N. Y.
ROBERT MAZET, JR., M.D., Veterans Administration Center, Wilshire and Sawtelle Boulevards, Los Angeles 25, California
NEWTON C. MEAD, M.D., 636 Church Street, Evanston, Illinois
ALLEN F. MURPHY, M.D., 9204 Commercial Avenue, Chicago 17, Illinois
T. A. POTTER, M.D., 125 Parker Hill Avenue, Boston 20, Massachusetts
COL. STERLING J. RITCHEY, M.C., U.S.A., 98 General Hospital, APO 34, New York, N. Y.
FRED P. SAGE, M.D., 869 Madison Avenue, Memphis 3, Tennessee
CAPT. GEORGE J. SCHONHOLTZ, M.C., U.S.A., Walter Reed Army Hospital, Walter Reed Army Medical Center, Washington 12, D. C.
HOWARD B. SHORBE, M.D., 605 N.W. Tenth Street, Oklahoma City 3, Oklahoma
M. J. SMYTH, M.D., B.Ch., F.R.C.S., "Retlaw", Wellington Hill, Leeds 17, England
WILLIAM B. STROMBERG, JR., M.D., 154 East Erie Street, Chicago 11, Illinois
HOWARD J. SWEENEY, M.D., 636 Church Street, Evanston, Illinois
COL. MILTON S. THOMPSON, M.C., U.S.A., Walter Reed Army Hospital, Walter Reed Army Medical Center, Washington 12, D. C.
CARRUTH J. WAGNER, M.D., 330 Independence Avenue, S. W., Washington 25, D. C.
JAMES N. WILSON, M.D., 1401 South Hope Street, Los Angeles 15, California
CHARLES WORKMAN, M.D., University of Kansas Medical Center, Kansas City 12, Kansas
V. WRIGHT, M.D., M.R.C.P., General Infirmary, Leeds, England